1/3

FIG.1A

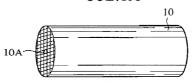


FIG.1B

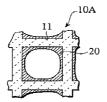


FIG.2

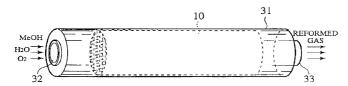


FIG 3

100 mm 100 mm

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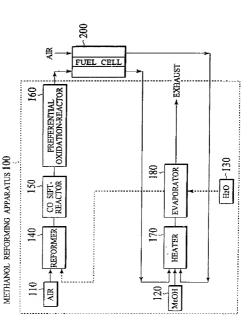


FIG 4

Table

Example	Catalyst No	Composition of catalyst supported material/(support)	Pd:Zu (mol ratio)	Burning temperature (C)	1	Reducing Reformation conperature rate (C) (%)	CO concentration (%)
example 1	catalyst 1	5%Pd-3.06%Zn/(68%CeO2-32%ZrO2)	Ξ	200	200	86	2.5
example 2	catalyst 2	5%Pd-6.12%Zn/(68%CeO2-32%ZrO2)	1:2	200	200	8.66	2.1
example 3	catalyst 3	5%Pd-30.6%Zn/(68%CeO2-32%ZrO2)	1:10	200	200	99.3	1.1
example 4	catalyst 4	5%Pd-6.12%Zn/CeO2	1.2	200	200	8.86	2.2
example 5	catalyst 5	example 5 catalyst 5 5%Pd-6.12%ZnZrO2	1:2	200	200	7.66	2.3
example 6	catalyst 6	5%Pd-6.12%Zn/(20%CeO2-80%ZrO2)	1:2	200	200	99.5	2.2
example 7	catalyst 7	5%Pd-6.12%Zn/(68%CeO2-32%ZrO2)	1:2	400	400	6.86	2.3
xample 8	catalyst 8	example 8 catalyst 8 5%Pd-6.12%Znl(68%CeO2-32%ZrO2)	1.2	009	99	5.86	2.1
comparative example i	catalyst 9	catalyst 9 5%Pd/(68%CeO2-32%ZrO2)		200	500	93	10.5
comparative example 2	catalyst 10 Cu-ZnO	Cu-Zn0		400	400	85	=
comparative example 3		catalyst 11 5%Pd/ZnO	1:20	200	200	89	2.4